



NEWCASTLE EMLYN RURAL SANITARY AUTHORITY

ANNUAL REPORT

of the Sanitary Conditions of the
Newcastle Emlyn Rural District
for the Year
1964

BY

ELFYN T. JONES

B.Sc., M.R.C.S., L.R.C.P., D.P.H.

Medical Officer of Health

PREFACE

To the Chairman and Members of the Newcastle Emlyn Rural District Council :

Mr. Chairman and Members,

In presenting my Annual Report for the year ended 31st December, 1964 I wish to apologise for the lateness of its publication.

I wish to gratefully acknowledge the work carried out by my staff and to thank the Members of the Public Health Committee and the Council for the wholehearted manner in which they have supported me. I also wish to thank my colleagues and their staff for their continued support and help.

I am, Gentlemen,

Your obedient Servant,

ELFYN T. JONES,

Medical Officer of Health

PRINCIPAL OFFICERS OF THE COUNCIL

Clerk of the Council and Chief Financial Officer ... S. J. DAVIES

Medical Officer of Health Dr. ELFYN T. JONES, B.Sc.,
M.R.C.S., L.R.C.P., D.P.H.

Official Address and telephone number of the Medical Officer of Health :
Public Health Department, 3, Spilman Street, Carmarthen.
Telephone Number : Carmarthen 6676/7/8/9.

Surveyor and Public Health Inspector ... J. G. ROWLANDS, M.R.S.H.,
M.S.I.A.

Deputy Clerk of the Council W. D. DAVIES

Assistant Surveyor E. L. THOMAS

Rate Collector E. D. JONES

Consultant Architect W. S. P. COTTRELL

Consultant Engineers Messrs. J. OWEN PARRY, LEWIS
& PARTNERS.

SOCIAL CONDITIONS OF THE AREA

The Newcastle Emlyn Rural District, a large portion of which lies in the beautiful Vale of Teify, covers an area of 82,842 aeres, and extends from Cenarth in the north west to Llanyerwys in the east. The district is divided into eight Parishes, viz :- Cenarth, Llangeler, Llanfihangel-ar-Arth, Llanllwni, Llanfihangel Rhos-y-Corn, Llanybyther, Llanyerwys and Pencarreg. As expected in a rural area of this nature farming is the basic industry, with the emphasis on dairy farming.

The mid-year home population as estimated by the Registrar-General for 1964 is 8,140.

For Registration purposes the area is divided into the following two Registration Sub-Districts :—

Cenarth
Llanybyther

The Rateable value of the area is £121,888, the sum represented by a Penny Rate £475 and the number of inhabited houses at the end of the year according to the Rate Book is 2,980.

Public Swimming Baths :

There are no public swimming baths in the area of the rural district.

VITAL STATISTICS

Live Births :

				Males	Females	Total
Legitimate	...	...	...	67	61	128
Illegitimate	...	...	...	4	1	5
				<hr/> 71	<hr/> 62	<hr/> 133

Birth rate per 1,000 estimated home population ... 16.34

Still-births :

Number	...	...	...	...	1	—	1
Rate per 1,000 total (Live and Still) births						...	7.46
Rate per 1,000 home population				...	...	...	0.12
Total Live and Still Births	...	...	...	...	72	62	134
Infant Deaths (deaths under 1 year)	...	...	...	...	3	2	5

Causes of Infant Deaths :

Influenza	...	...	...	...	...	...	1
Gastritis, Enteritis & Diarrhoea	...	...	...	...	...	...	1
Congenital Malformations	...	...	...	...	...	...	1
Other defined & ill-defined diseases				...	...	...	2

Ages at which Infant Deaths occurred :

Under 1 Day	...	...	...	...	...	...	1
1 Day	...	...	...	...	...	...	1
4 Days	...	...	...	...	...	...	1
1 Month	...	...	...	...	...	...	1
9 Months	...	...	...	...	...	...	1

Infant Mortality Rates :

Total infant deaths per 1,000 live births	...	...	37.59
Legitimate infants per 1,000 legitimate live births	...	...	39.06
Illegitimate infants per 1,000 Illegitimate live births	...	...	0.00

Maternal Mortality :

No maternal death occurred in the area during the year.

Deaths (All Ages) :

l Ages) :		M	F	Total
Deaths	...	...	...	...
Death rate per 1,000 estimated home population		73	62	135
			...	16.58

Comparison of rates with those for England and Wales :

	<i>Newcastle Emlyn R.D.</i>	<i>England & Wales</i>
Live Birth Rate per 1,000 of the population	... 16.34	18.4 (a)
Still Birth Rate per 1,000 Live and Still Births	... 7.46	16.4 (a)
Infant Death Rate per 1,000 Live Births	... 37.59	20.0 (a)
Deaths (All Ages) Rate per 1,000 population	... 16.58	11.3 (a)

Death rate (Comparability factor 0.89) = 14.76 per 1,000

(a) Provisional rates

CLASSIFICATION OF CAUSES OF DEATHS ACCORDING TO DISEASES

Cause of Death	Sex	Total All Ages	Under 4 Wks	4 Wks and under 1 yr.	Age in Years									
					1—	5—	15—	25—	35—	45—	55—	65—	75+	
Tuberculosis (Non-Respiratory)	M F	1 1	— —	— —	— —	— —	— —	— —	— —	1 1	— —	— —	— —	
Other Infective and Parasitic Diseases	M F	— 1	— —	— —	— —	— —	— —	— —	— —	— —	— —	1 —	— —	
Malignant Neoplasm, Stomach ...	M F	1 2	— —	— —	— —	— —	— —	— —	— —	— —	— —	1 —	— 2	
Malignant Neoplasm, Lung, Bronchus	M F	— 1	— —	— —	— —	— —	— —	— —	— —	— —	1 —	— —	— —	
Malignant Neoplasm, Breast ...	M F	— 1	— —	— —	— —	— —	— —	— —	— —	1 —	— —	— —	— —	
Malignant Neoplasm, Uterus ...	F	2	—	—	—	—	—	—	1	—	—	—	1	
Other Malignant and Lymphatic Neoplasms	M F	9 7	— —	— —	1 —	— —	— —	1 —	— —	— —	2 2	4 4	1 1	
Vascular Lesions of Nervous System...	M F	6 12	— —	— —	— —	— —	— —	— —	— —	— —	— 3	1 —	5 9	
Coronary Disease, Angina ...	M F	18 9	— —	— —	— —	— —	— —	1 —	— —	1 —	6 —	7 6	3 3	
Hypertension with Heart Disease ...	M F	1 3	— —	— —	— —	— —	— —	— —	— —	1 —	— —	— 1	1 1	
Other Heart Disease	M F	8 8	— —	— —	— —	— —	— —	— —	— —	— —	— 2	— 1	8 5	
Other Circulatory Disease ...	M F	5 3	— —	— —	— —	— —	— —	— —	— —	— —	1 1	2 —	2 2	
Influenza	M F	1 —	— —	1 —	— —	— —	— —	— —	— —	— —	— —	— —	— —	
Pneumonia	M F	4 4	— —	— —	— —	1 —	— —	— —	— —	— —	— 1	1 1	2 2	
Bronchitis	M F	6 2	— —	— —	— —	— —	— —	— —	— —	1 —	2 —	1 —	2 2	
Other Diseases of Respiratory System	M F	3 —	— —	— —	— —	— —	— —	— —	— —	— —	2 —	— —	1 —	
Gastritis, Enteritis and Diarrhoea ...	M F	— 2	— —	— 1	— —	— —	— —	— —	— —	— —	— —	— 1	— —	
Hyperplasia of Prostate	M	2	—	—	—	—	—	—	—	—	—	—	2	
Congenital Malformation	M F	1 —	1 —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	
Other Defined and Ill-defined Diseases	M F	5 3	1 1	— —	— —	— —	— —	— —	— —	— —	2 2	2 —	— —	
All other Accidents	M F	1 1	— —	— —	— —	— —	— —	— —	— —	1 —	— —	— —	— 1	
Suicide	M F	1 —	— —	— —	— —	— —	— —	— —	— —	— —	— —	1 —	— —	
TOTAL ALL CAUSES	M F	73 62	2 1	1 1	1 —	1 —	— —	2 —	— 1	4 3	15 12	20 15	27 29	

NEW CASES OF, AND MORTALITY FROM TUBERCULOSIS, 1964

<i>Age Period - in Years</i>			<i>New Cases</i>				<i>Deaths</i>			
			<i>Respiratory</i>		<i>Non-Respiratory</i>		<i>Respiratory</i>		<i>Non-Respiratory</i>	
			<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>
0—1	—	—	—	—	—	—	—	—
1—5	—	—	—	—	—	—	—	—
5—15	—	—	—	—	—	—	—	—
15—25	—	—	—	—	—	—	—	—
25—35	—	1	—	—	—	—	—	—
35—45	—	—	—	—	—	—	—	—
45—55	—	—	—	—	—	—	1	1
55—65	—	—	†	—	—	—	—	—
65—75	—	—	—	—	—	—	—	—
75 and over	—	—	—	—	—	—	—	—
Totals	—	1	1	—	—	—	1	1

TUBERCULOSIS REGISTER—NOTIFICATIONS AND WITHDRAWALS

	<i>Respiratory</i>		<i>Non-Respiratory</i>		<i>Totals</i>	
	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>
Number of cases on the Register, 1/1/64	18	16	1	2	19	18
Number of cases notified for the first time during the year ...	—	1	1	—	1	1
Number of transfers from other areas during the year ...	2	1	—	—	2	1
Number of cases removed from the Register during the year ...	4	1	—	1	4	2
Number of cases remaining on the Register as at 31/12/64 ...	16	17	2	1	18	18

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

Hospital, Laboratory and Ambulance Facilities :

The district is served mainly by the West Wales General Hospital, Carmarthen and Cardigan Hospital, with provision for cases of infectious diseases at the West Wales Isolation Hospital, Upper Tumble, Nr. Llanelli. Cases of mental disease receive treatment at St. David's Hospital, Carmarthen. The nearest treatment centre for venereal diseases is at Llanelli.

Bacteriological and pathological investigations are carried out at the Public Health Laboratory and the Pathological Department at the West Wales General Hospital, Glangwili, Carmarthen, and the resources of these laboratories are always available to medical practitioners.

Ambulance facilities, including facilities for the transport of sitting car cases, are under the control of the County Council.

Home Nursing Services :

The area is served by :

(a) Three District Nurses under arrangements made by the County Council with District Nursing Associations, viz. : Llanybyther, Velindre and Newcastle Emlyn.

(b) One District Nurse in the direct employ of the County Council at Pencader.

The District Nurses also undertake the midwifery work in their areas.

Infant Welfare Centres :

There are four Infant Welfare Centres in the area—Brechfa, Llanybyther, Pencader and Velindre.

Ante-Natal Clinics :

There are no Ante-Natal Clinics in the area.

The Care of Unmarried Mothers and their Children :

Arrangements are made for unmarried mothers to be admitted to one of the following hostels : Northlands, Cardiff ; Cwmdonkin Shelter, Swansea ; The Llandaff Diocesan Moral Welfare Committee Hostel, Penarth or the St. Martin's Home, Hereford. These arrangements are made by the County Council and also the St. David's Diocesan Moral Welfare Committee.

National Assistance Acts, 1948 to 1951 :

Section 47 of the 1948 Act.

No cases called for action to be taken by the Council during the year.

SANITARY CIRCUMSTANCES OF THE AREA

The Council's Surveyor reports as follows on the position at the end of the year 1964 with regard to Water Supply also Drainage and Sewerage :

Water Supply

During the year work on installing a recording device and weir at Ffynnon Nanto was commenced with a view to gauging the quantity of water available for the proposed comprehensive scheme envisaged for the whole of the Rural Area. Gaugings

will be taken for a period of eighteen months after which time it will be determined whether the scheme will involve direct abstraction or the construction of a reservoir.

Work was commenced on the East Cilrhedyn/Upper Penboyr Water Scheme necessary to augment the existing Cenarth Scheme and to provide an entirely new supply to the Bryn Iwan area.

Work commenced on the Ffynnon Orfa Augmentation Scheme required to assist the existing Llangeler scheme and to provide an improved supply to the Siloh area.

Several small extensions were carried out, the principal one being the provision of a supply to Hafod Dridws and Titylan in the parish of Llanfihangel-rhos-y-Corn.

Drainage and Sewerage

Work on the Pentrecoart Sewage Disposal Scheme continued during the year. The rate of progress was rather slow. The contractor was instructed to enlarge the disposal works to take in some further properties not included in the original scheme.

Work on the Drefach/Velindre Sewage Disposal Scheme was commenced. It is envisaged that this scheme—our largest to date—will take approximately two years to complete.

Housing (Financial Provision Act, 1958, as amended :

Housing (House Purchase & Housing Act, 1959) :

The implementation of the Discretionary Grants Scheme continued to operate satisfactorily and forty-five applications were approved by the Council during the year. In addition fifteen Standard Grant applications were approved.

Rent Act, 1957 :

Certificates of Disrepair.

No Certificates of Disrepair were issued during the year.

Refuse Collection and Disposal

Refuse collection in the area is carried out by direct labour. Collections vary from once weekly in large villages to once monthly in the more remote parts of the rural area. Two sites are used for the disposal of refuse, namely at Treale and Llan-llwni mountain, the latter being a controlled tip.

SCHOOLS

The Local Education Authority is the County Council. There are 19 Primary Schools within the Rural area.

No schools within the area were closed on account of infectious diseases during 1964.

INFECTIOUS DISEASES

It is pleasing to report that few cases of infectious diseases were notified in the Rural District during the year.

Infectious diseases cases notified were as follows :—

				<i>Males</i>	<i>Females</i>	<i>Total</i>
Measles	...	...	...	2	1	3
Scarlet Fever	...	...	...	1	0	1
Acute Pneumonia	...	...	...	2	0	2
Erysipelas	...	...	...	0	1	1
Ophthalmia Neonatorum	...	...	...	0	1	1
Respiratory T.B.	...	...	...	0	1	1
Non-Respiratory T.B.	...	...	...	1	0	1

Distribution of the above cases into Parishes :

<i>Parish</i>	<i>Measles</i>	<i>Scarlet Fever</i>	<i>Acute Pneumonia</i>	<i>Erys- ipelas</i>	<i>Ophthalmia Neona- torum</i>	<i>Respira- tory T.B.</i>	<i>Non-Res- piratory T.B.</i>
Cenarth ...	3	1	1	—	1	—	—
Llanfihangel- ar-Arth	—	—	—	—	—	—	1
Llangeler	—	—	1	1	—	1	—

IMMUNISATION

The following statistics have been received from the County Medical Officer of Health (the County Council being the Local Health Authority) relative to children in the Rural area immunised during the year :—

	<i>Primary Immunisation</i>		<i>Boosters</i>
	<i>Children under 5 years</i>	<i>Children 5-14 years</i>	
Triple Antigen	90	2	40
Diphtheria/Tetanus	1	2	8
Tetanus only	—	3	—

To maintain the present freedom from diphtheria I would stress upon parents the need for the continued immunisation of all children, and for “boosting” doses.

VACCINATION

Statistics relating to vaccination during the year against Poliomyelitis and Smallpox for the County as a whole, given by the County Medical Officer of Health, are as follows :—

(i) Smallpox

<i>Age at date of Vaccination</i>	<i>Number Vaccinated</i>	<i>Number Revaccinated</i>
Under 1 year	157	—
1 year	507	—
2—4 years	53	8
5—14 years	3	25
15 years or over	18	110

(ii) Poliomyelitis :

<i>Age Groups</i>	<i>Number of Persons who have received</i>	
	<i>2 injections of Salk vaccine</i>	<i>3 doses of Oral vaccine</i>
Children born 1964	21	242
Children born 1963	37	1,023
Children born 1962	5	334
Children and young persons born in years 1943—1961	4	921
Young persons born year 1933—1942	1	119
Others	1	121
TOTAL	69	2,760

Number of persons given third injection of salk 22
 Number of persons given a reinforcing dose of oral vaccine after :
 3 Salk doses or 3 Oral doses or 2 Salk doses plus 2 Oral doses 73

FOOD AND DRUGS ACT AND REGULATIONS

The Food and Drugs Authority for the area is the County Council. Mr. D. R. Watkins, Chief Inspector of the County Council, reports as follows on work done during the year in the area of the Newcastle Emlyn Rural District under the Food and Drugs Act, 1955 and the various Regulations and Orders made thereunder :—

Total number of samples submitted to the Public Analyst for analysis ...	65
Informal samples of Milk tested for compositional quality at this office...	115
Milk samples sent for examination at the Public Health Laboratory, Glangwili	160
	<hr/> 340 <hr/>

Milk samples submitted to the Public Analyst

Number of samples submitted	55
Certified genuine in Fat and Non-fatty solids content	39
Deficient in Non-fatty-solids but otherwise genuine	13
Slightly deficient in Fat	3

Five of the above milk samples were also tested by the Public Analyst for the presence of antibiotics. There were no traces of antibiotics in any of the samples.

Informal samples of Milk taken at Schools and other establishments and tested at this office by the Food and Drugs Officers

Number of samples tested	115
Genuine in Fat and Non-fatty solids content	105
Deficient in Fat	5
Deficient in Non-fatty-solids	5

Miscellaneous articles of Food and Drugs

Ten samples were submitted to the Public Analyst and all of them were certified to be genuine.

Milk samples submitted to the Public Health Laboratory, Glangwili

Pasteurised Milk

Satisfied the prescribed tests for adequacy of heat-treatment and bacteriological quality... ..	85
Failed to satisfy the prescribed tests	22
	<hr/> 107 <hr/>

Untreated Milk

Satisfied the prescribed test for bacteriological quality	33
Failed to satisfy the prescribed test	17
	<hr/> 50 <hr/>

Milk samples sent for Guinea-pig inoculation

Three samples of Untreated Milk supplied to schools were submitted for examination. The three samples were reported to be free from tuberculosis and *Brucella Abortus*.

SANITARY INSPECTION OF THE AREA

Record of Visits for 1964 :—

General Sanitation

Nature of Visit or Inspection					No. of Visits
Water Supplies	...	...	...	...	150
Drainage	...	...	...	...	274
Offensive Trades	...	...	...	...	—
Tents, Vans, Sheds	...	...	...	...	26
Bakehouses	...	...	...	...	8
Public Conveniences	...	...	...	...	16
Refuse Collection	...	...	...	...	89
Refuse Disposal	...	...	...	...	12
Rats and Mice	...	...	...	...	8
Schools	...	...	...	...	6
Miscellaneous Sanitary Visits	...	...	...	...	120

Housing

Under Public Health Acts

Number of houses inspected	...	...	...	...	62
Visits paid to above houses	...	...	...	...	90

Under Housing Acts

Number of Houses inspected	...	...	...	...	6
Visits paid to above houses	...	...	...	...	6

Overcrowding

Number of houses inspected	...	...	...	...	1
Visits paid to above houses	...	...	...	...	2

Verminous Premises

Number of houses inspected	2
Visits paid to above houses	6

Miscellaneous housing visits	21
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Infectious Diseases

Inquiries in cases of Infectious Diseases	1
Miscellaneous Infectious Disease Visits	1

Meat and Food Inspection

Inspection of Meat and Meat Shops

Number of Slaughterhouses in area	...	...	1
Number of visits to above Slaughterhouse	...	...	156
Number of visits to Shops and Stalls	...	...	16
Number of visits to Butchers	...	...	26

Ice-Cream

The total number of ice-cream retailers in the rural area, registered for the storage and sale of ice-cream, is 42, and they all sell pre-packed ice-cream supplied by nationally known manufacturers.

The Food and Drugs Act, 1955 :

The Food Hygiene (General) Regulations, 1960 :

During the year twenty-eight inspections have been made by the Public Health Inspector to various food premises in the area, and with the co-operation of the owners and occupiers concerned every effort is being made to maintain the highest possible standard of hygiene.

The Liquid Egg (Pasteurisation) Regulations, 1964

Number of egg pasteurisation plants in the district ... Nil

Foodstuffs condemned by the Public Health Inspector at Shops etc. (excluding the Slaughterhouse) :

166 lbs. Cooked Ham
18 lbs. Corned Beef
7 lbs. Ox Tongue
37 lbs. Beef Loaf

Condemned foodstuffs are disposed of by burial on the Refuse Disposal Sites.

HOUSING

1. Inspection of dwelling houses during the year	<i>No. of Houses</i>
(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	6
(b) Number of inspections made for the purpose	8
(2) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	1
(3) Number of dwelling houses (exclusive to those referred to under the preceding sub-head) found not to be in all respect reasonably fit for human habitation	12

Houses Demolished

In Clearance Areas	...	...	...	Nil
Not in Clearance Areas	...	...	...	Nil

Unfit Houses Closed

Under Secs. 16(4), 17(1) and 35(1) Housing Act, 1957 and Sect. 26 Housing Act, 1961	1
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Unfit Houses made Fit and Houses in which Defects were Remedied

After informal action by local authority :—

By Owner ... 2

After formal notice under the Public Health Acts : Nil

PRIVATE SLAUGHTERHOUSES

Meat Inspection Regulations, 1963

There is one privately owned licensed slaughterhouse operating in the district which has been modernised to the required standard and approved by the Ministry.

The Meat Inspection Regulations 1963 have now been operating for a full year and has entailed extra work and responsibilities on the Public Health Inspector. In accordance with the Regulations all carcasses have been marked with a distinguishing stamp.

The following animals were examined at the Slaughterhouse during the year :—

No of Cattle (including Cows)	...	93
No. of Calves	... ..	6,145
No. of Sheep and Lambs	... ..	13,906
No. of Pigs	... ..	18

Details of Meat Condemned :

912 lbs. Sheep plucks	...	Distomatosis/Hydatid cysts/Parasitic infections.
365 lbs. Bovine Liver	...	Migratory Flukes/Emphysema/Cirrhosis
5 Calves (complete)	...	Immaturity/Emmaciation
7 Sheep (complete)	...	Pregnancy Toxaemia/Emmaciation
1 Cow (complete)	...	Jaundice/Emmaciation

Slaughter of Animals Act, 1933 to 1954 :

There are two licensed slaughtermen within the area.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

The above Act came into operation in May, 1964, and although a number of premises have made returns, it has not been possible to visit them and carry out the detailed inspections necessary. Implementation of this Act will depend upon the availability of time at the disposal of the present staff to undertake the work.

Administration of the Factories Act, 1961

Duties of the Sanitary Authority under the Factories Act have been carried out by the Public Health Inspector as part of his routine work, and a close liaison has been maintained with the District Inspector of Factories.

PART I OF THE ACT

1. Inspections for purposes of provisions as to health (including inspections made by the Public Health Inspector).

<i>Premises</i>	<i>Number on Register</i>	<i>Number of</i>		
		<i>Inspections</i>	<i>Written Notices</i>	<i>Occupiers Prosecuted</i>
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	2	Nil	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	57	14	Nil	Nil
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises) ...	Nil	Nil	Nil	Nil
Total	59	14	Nil	Nil

2. Cases in which defects were found ... Nil

PART VIII OF THE ACT
OUTWORK
(Section 133 & 134)

The return required under Part VIII of the Act is ... Nil.

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